



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Syamal K. Datta

Serial No.: 10/617,070

Filed: 7/10/2003

Entitled: **Characterization of CYP 2D6 Genotypes**

Group No.: 1634

Examiner: Johannsen

**INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)

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By: 

Megan Bowen

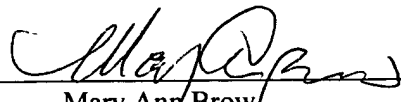
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Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

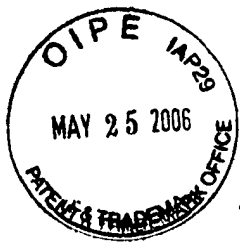
A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: May 23, 2006


Mary Ann Brown
Registration No. 42,363

MEDLEN & CARROLL, LLP
101 Howard Street, Suite 305
San Francisco, California 94105
608/218-6900



PATENT
Attorney Docket No. **FORS-08195**

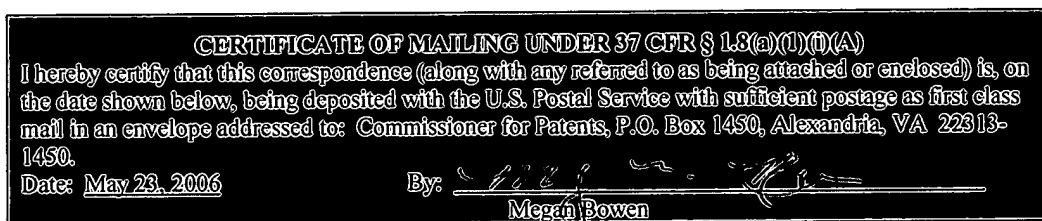
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INFORMATION DISCLOSURE STATEMENT

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Sir or Madam:

The citations listed below may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.


- U.S. Patent No. 5,846,717
- U.S. Patent No. 5,985,557
- U.S. Patent No. 5,994,069
- U.S. Patent No. 6,001,567
- U.S. Patent No. 10/516,038
- U.S. Publication No. 20030104378
- U.S. Publication No. 20040014067
- U.S. Patent No. 5,981,174
- U.S. Patent No. 5,981,174
- U.S. Patent No. 6,183,963

- U.S. Patent No. 6,060,253
- U.S. Patent No. 6,207,648
- U.S. Patent No. 6,309,823
- U.S. Patent No. 5,506,131
- U.S. Patent No. 6,632,605
- U.S. Patent No. 6,514,687
- U.S. Patent No. 6,420,130
- U.S. Patent No. 6,143,492
- U.S. Patent No. 6,756,229
- U.S. Patent No. 6,632,390
- U.S. Patent No. 6,620,593
- U.S. Patent No. 6,564,152
- U.S. Patent No. 6,020,135
- U.S. Patent No. 5,989,844
- U.S. Patent No. 6,171,798
- U.S. Patent No. 6,130,342
- U.S. Patent No. 5,648,482
- U.S. Patent No. 6,643,591
- U.S. Patent No. 6,312,917
- U.S. Patent No. 6,566,108
- U.S. Patent No. 6,200,754
- U.S. Patent No. 6,020,135
- U.S. Patent No. 5,830,667
- U.S. Patent No. 6,623,960
- U.S. Patent No. 6,643,591
- U.S. Patent No. 5,508,199
- U.S. Publication No. 20050032781
- U.S. Publication No. 20030170651
- U.S. Patent No. 5981174

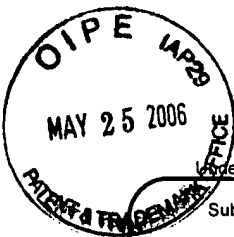
- U.S. Publication No. US20030083485
- EP 0511262
- WO 91/10745
- WO 97/27214
- WO 98/42873
- WO 02/38589
- EP0463395
- WO 00 39332
- WO04/64863
- WO02/68579
- WO03/00091
- WO04/25244
- EP 90810467.2
- Lyamichev et al., Nat. Biotech., 17:292 (1999)
- Hall et al., PNAS, USA, 97:8272 (2000)
- Kitagawa et al., J. Biol. Chem. 276(21):17830-17835 (2001)
- Akiyoshi et al., Biochem. Biosphy. Res.Comm. 281:810-814 (2001)
- Gough AC, et al. (1990) Nature 347: 773
- Heim M and Meyer UA (1990) Lancet 336: 8714
- Kagimoto M, et al. (1990) J. Biol. Chem. 265: 17209
- Skoda RC (1988) Proc. Natl. Acad. Sci. U.S.A. 85: 5240
- Marez D, et al. (1997) Pharmacogenetics 7: 193
- Daly AK, et al. (1996) Pharmacogenetics 6: 193
- Sachse C, et al. (1997) Am. J. Hum. Genet. 60: 284
- Nakajima et al., Clin.Pharmacol. Ther., 69:72-78 (2001)

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: May 23



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608/218-6900



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/617,070
Filing Date	07/10/2003
First Named Inventor	Neville
Art Unit	1634
Examiner Name	Johannsen
Attorney Docket Number	FORS-08195

Sheet 1 of 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 5,846,717	12/08/98	Brow et al.	whole document
	2	US- 5,985,557	11/16/99	Prudent et al.	whole document
	3	US- 5,994,069	11/30/99	Hall et al.	whole document
	4	US- 6,001,567	12/14/99	Brow et al.	whole document
	5	US- 10/516,038	11/29/04	Nakamura et al.	whole document
	6	US- 20030104378	06/05/03	Allawi et al.	whole document
	7	US- 20040014067	01/22/04	Lyamichev et al.	whole document
	8	US- 5,981,174	11/09/99	Wolf , et al.	whole document
	9	US- 5,981,174	07/15/1997	Meyer	whole document
	10	US- 6,183,963	02/06/2001	Sinnett et al.	whole document
	11	US- 6,060,253	05/09/2000	Gelboin et al.	whole document
	12	US- 6,207,648	03/27/2001	Waxman et al.	whole document
	13	US- 6,309,823	10/30/2001	Cronin et al.	whole document
	14	US- 5,506,131	04/09/1996	Harris et al.	whole document
	15	US- 6,632,605	10/14/2003	Cronin et al	whole document
	16	US- 6,514,687	02/04/2003	Makings et al.	whole document
	17	US- 6,420,130	07/16/2002	Makings et al	whole document
	18	US- 6,143,492	11/07/2000	Makings et al.	whole document
	19	US- 6,756,229	06/29/2005	Nanba et al.	whole document

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	20	EP 0511262				
	21	WO 91/10745				
	22	WO 97/27214				
	23	WO 98/42873				
	24	WO 02/38589				
	25	EP0463395				

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Sheet 2 of 5

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Examiner Name	Johannsen
Attorney Docket Number	FORS-08195

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	25	US- 6,632,390	10/14/2003	Shelby et al.	whole document
	26	US- 6,620,593	09/16/2003	Hayashi et al.	whole document
	27	US- 6,564,152	05/13/2003	Ekins et al.	whole document
	28	US- 6,020,135	02/01/2000	Levine et al.	whole document
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	31	US- 6,130,342	10/10/2000	Miller et al.	whole document
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	34	US- 6,312,917	11/06/2001	Thakker et al.	whole document
	35	US- 6,566,108	05/20/2003	Wolf et al.	whole document
	36	US- 6,200,754	02/13/2001	Housman et al.	whole document
	37	US- 6,020,135	02/01/2000	Levine et al.	whole document
	38	US- 5,830,667	11/03/1998	Alvarez	whole document
	39	US- 6,623,960	09/23/2003	Gelboin et al.	whole document
	40	US- 6,643,591	11/04/2003	Korzekwa et al.	whole document
	41	US- 5,508,199	04/16/1996	Gonzalez et al.	whole document
	42	US- 20050032781	02/10/2005	Ehrich, Elliot	whole document
	43	US- 20030170651	09/11/2003	Guida, Marco et al.	whole document

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	44	WO 00 39332				
	45	WO04/64863				
	46	WO02/68579				
	47	WO03/00091				
	48	WO04/25244				
	49	EP 90810467.2				

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Examiner Name	Johannsen
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Sheet 3 of 5

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		Number-Kind Code ² (if known)			
	50	US- 5981174			whole document
	51	US- US20030083485			whole document
	52	US- US20040086854			whole document
		US-			whole document
		US-			whole document
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		First Named Inventor	Neville
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		Examiner Name	Johannsen
		Attorney Docket Number	FORS-08195
Sheet	4	of	5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	53	Lyamichev et al., Nat. Biotech., 17:292 (1999)	
	54	Hall et al., PNAS, USA, 97:8272 (2000)	
	55	Kitagawa et al., J. Biol. Chem. 276(21):17830-17835 (2001)	
	56	Akiyoshi et al., Biochem. Biosphy. Res.Comm. 281:810-814 (2001)	
	57	Marez D, et al. (1997) Pharmacogenetics 7: 193	
	58	Daly AK, et al. (1996) Pharmacogenetics 6: 193	
	59	Gough AC, et al. (1990) Nature 347: 773	
	60	Skoda RC (1988) Proc. Natl. Acad. Sci. U.S.A. 85: 5240	
	61	Heim M and Meyer UA (1990) Lancet 336: 8714	
	62	Kagimoto M, et al. (1990) J. Biol. Chem. 265: 17209	

Examiner Signature		Date Considered	
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		Examiner Name	Johannsen
Sheet 5	of 5	Attorney Docket Number	FORS-08195

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	63	Sachse C, et al. (1997) Am. J. Hum. Genet. 60: 284	
	64	Nakajima et al., Clin.Pharmacol. Ther., 69:72-78 (2001)	

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